AVS RÖMER

Connecting – Controlling – Measuring – Transferring

Comprehensive portfolio of fluidtechnology components for the printing industry

Quick-release couplings, fittings, valves and manifolds

Fluid technology components for high-performance printing machines

The requirements of industrial printing applications are highly demanding.
Temperature fluctuations, a wide range of inks and cleaning agents, the precise dosing of printing inks and the straightforward maintenance of ink management systems are some of the key challenges in industrial printing technology. AVS Römer offers customer-oriented solutions for air supply, ink management and cleaning management with its fluid technology components.

Expertise in fluid technology

- **Precision and reliability:**
  Precise dosing of printing inks and cleaning agents.
- **Tailored solutions:**
  For seamless integration into a wide range of production environments. Also suitable for low production volumes.
- **High chemical and thermal resistance:**
  Ideal for use with aggressive liquids and a wide variety of inks (e.g. water-based, latex, gel and UV inks).
- **Absolute cleanliness:**
  Special handling from manufacturing through individual packaging to delivery – we meet our customers' requirements.

The full range of **concentrated fluid technology expertise.**
Simply follow the **QR-Code**.

Our product portfolio

Our high-performance components for use in **industrial printing machines** include the following:

Quick-release couplings

Minimum leackage, safe and flow-optimised connection and disconnection of media-carrying lines for high flow rates with minimal pressure drop. Compatible with a wide range of media and suitable for versatile applications thanks to the variety of body and sealing materials available.

Fittings

Comprehensive portfolio of push-in fittings. Designed in a variety of body and sealing materials to meet different requirements. Simple, fast and secure connection. Absolutely leak-tight thanks to 100% testing. Chemically resistant to aggressive media and cleaning agents.

Manifolds

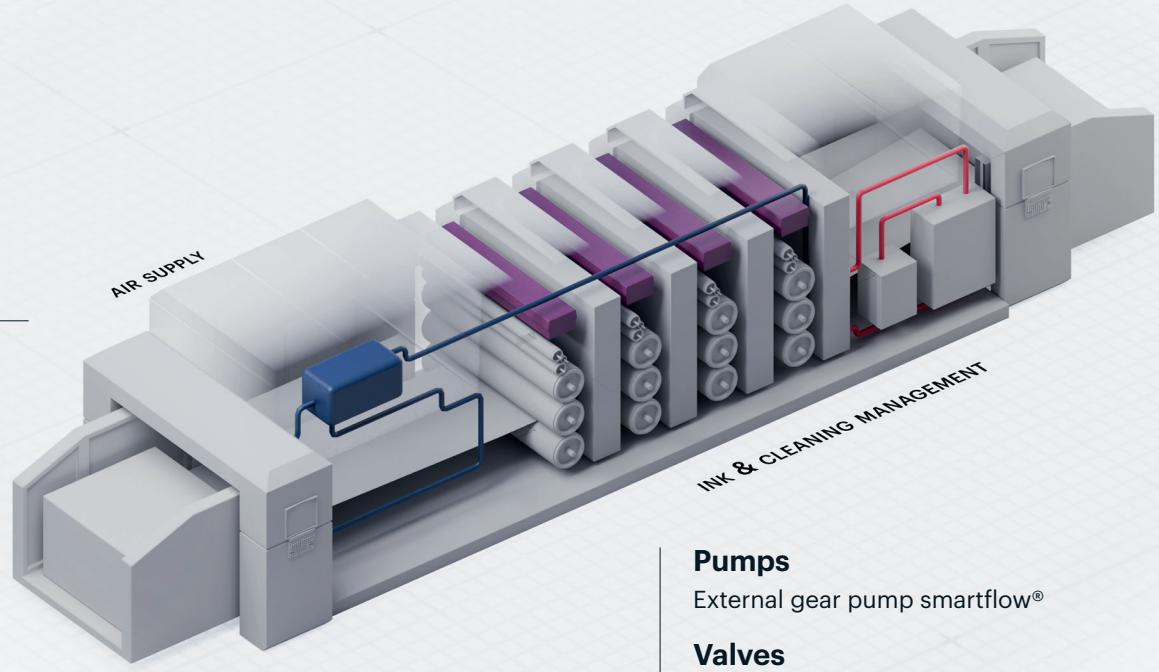
Customer-specific manifold solutions, possible with integrated sensor technology. Customised assemblies for fast installation possible. Flexible in use for customer-specific requirements. Freely selectable connection sizes.

Media-separated solenoid valves

No contamination of the ink due to a media-separated operating principle. Easy to clean. Thermal decoupling prevents the ink from heating up. Durable thanks to media separation and maximum chemical resistance.

Fluid technology expertise at a glance

- Small production volumes also possible
- Flexible customer-specific adaptations on request
- Wide variety of sealing materials



Sensors
Pressure
Flow

Valves
Direct-acting solenoid valves DIGMA (Type EAV)

Fittings
Push-in (POM with NBR)

Pumps
External gear pump smartflow®

Valves
Media-separated solenoid valves MAGMA (Type ETV 100)

Quick-release couplings
(SVKR or SVKL with EPDM or FKM)

Sensors
Conductivity
Temperature
Flow

Custom special solutions
Distributor

Fittings
Push-in (POM or PVDF with FKM, VMQ, FFKM or EPDM)

About AVS Römer

Founded in 1970 by Joachim C. Römer, AVS Römer develops tailor-made and application-specific solutions for connecting, controlling, measuring and transferring. We distinguish ourselves above all through high-quality, customised special solutions. With our proven expertise in development and manufacturing, we support our customers in meeting their requirements across the printing technology sector. As an owner-managed family business, we focus on the highest quality and customer satisfaction.

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